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Mail Stop: NEW Patent Application
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5364 U.S. PTO
 10/817354

Sir:

Transmitted herewith for filing is the nonprovisional/Utility patent application of:

Inventor(s):	Oomman K. Varghese, Ph.D, Gopal Mor, Ph.D., Maggie Paulose, and Craig A. Grimes, Ph.D.
For:	Titania Nanotube Arrays for use as Sensors and Method of Producing

~~This application claims benefit under 35 U.S.C. 119(c) and 37 C.F.R. §1.78 to pending Provisional Patent Application No. 00/00000 filed on 00 Xxxx 200X entitled: "[NONE]."~~

~~The invention disclosed herein was made with United States government support awarded, in part, by the XXX agency under contract number [NONE]~~

Enclosed please find:

- ☒ A Declaration and Power of Attorney (*Executed*-2 pages)
- ☒ 10 sheet(s) of Formal ☒ Informal drawings (FIGs. *numbered* 1A-E through 11A-C)
- ☒ 30 pages of specification, 10 pages claims (total of 30 claims), and 1 page ABSTRACT
- ☒ A return postcard
- ☐ [no] Invention Disclosure Statement and PTO Form 1449, along with copies of background refs listed <none>
- ☒ An Assignment of Invention Before Patent with cover sheet (+ Fee authorization) for RECORDING <YES>
- ☐ [no] ATTACHMENT A - -page manuscript by applicants (, 200X)
- ☒ The filing fee is calculated as shown below (reflecting slight fee **increases as of 1-Oct-03):

FOR	NUMBER FILED	NUMBER EXTRA	RATE	CALCULATIONS
Total Claims	<u>30</u> - 20 =	10	x \$18 (9) =	\$90.00
Independent Claims	<u>8</u> - 3 =	5	x **\$86 (43) =	\$215.00
Multiple dependent claim(s) (if applicable)			+ **\$290 (145) =	\$0.00
			** Basic Fee (Small Entity)	\$385.00
			TOTAL	\$690.00

☒ Applicants and Assignee, **The Penn State Research Foundation**, claim **SMALL ENTITY STATUS** as persons 37 CFR 1.27(a)(1), and assignee as *Nonprofit Organization* under 37 CFR 1.27(a)(3).

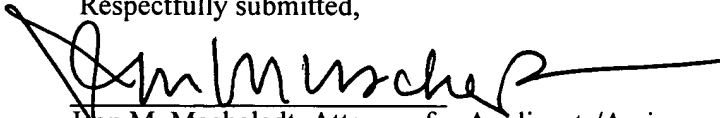
☒ The Commissioner is hereby authorized to charge the \$ **690.⁰⁰** filing fee along with any additional fees associated with this communication, including patent application filing fees and processing fees under 37 CFR §1.16 and 1.17, or credit any overpayment to **Macheledt Bales LLP: Deposit Account No. 02-0725**.

Direct all correspondence to:

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Respectfully submitted,

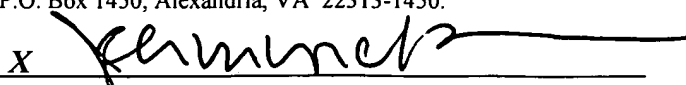

 Jean M. Macheledt, Attorney for Applicants/Assignee
 Registration Number 33,956
 Date: **Friday, 2nd day of APRIL 2004**

Express Mail mailing label number: **ER 390 514 530 US** Date of Deposit: **02 April 2004 (Friday)**

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service, with sufficient postage, under 37 C.F.R. 1.10 on the date indicated above and is addressed to:

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